

What Is Claimed Is:

1. A dry toner for developing electrostatic images,
comprising a colorant and a binder resin,
wherein said binder resin comprises a copolymer
5 resin having
(A) a polyol resin moiety having a main chain of
polyoxyalkylene and obtained by reaction of
(a) an epoxy resin,
(b) a dihydric phenol, and
10 (c) an alkylene oxide adduct of a dihydric phenol or a
glycidyl ether thereof; and
(B) a polyester resin moiety obtained by reacting an
alkylene oxide adduct of a dihydric phenol or a glycidyl
ether thereof with a polycarboxylic acid,
15 wherein the weight ratio of said epoxy resin of said
polyol resin moiety to said polyester resin moiety is 95:5
to 60:40,
wherein said epoxy resin of said epoxy resin moiety
includes at least two kinds of bisphenol epoxy resins
20 having different number-average molecular weights, and
wherein said binder resin has an acid value of not
greater than 5.
2. A dry toner as claimed in claim 1, wherein said
25 binder resin has an epoxy value of at least 20,000.
3. A dry toner as claimed in claim 1, wherein said
binder resin has an acid value of not greater than 1.
- 30 4. A dry toner as claimed in claim 1, wherein said
polycarboxylic acid of said polyester resin moiety is a
dicarboxylic acid.
5. A dry toner as claimed in claim 1, wherein said
35 epoxy resin of said epoxy resin moiety is a mixture of a

lower molecular weight epoxy resin having a number-average molecular weight of 360 to 2,000 and a higher molecular weight epoxy resin having a number-average molecular weight of 3,000 to 10,000.

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6. A dry toner as claimed in claim 1, wherein said polyester resin moiety has a number-average molecular weight of 500 to 2,000.

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7. A dry toner as claimed in claim 1, wherein said copolymer resin is obtained by reaction of

(a) an epoxy resin,

(b) a dihydric phenol,

15 (c) an alkylene oxide adduct of a dihydric phenol or a glycidyl ether thereof,

(d) a polyester resin obtained by reacting an alkylene oxide adduct of a dihydric phenol or a glycidyl ether thereof with a polycarboxylic acid, and

(e) a monohydric phenol or a monocarboxylic acid.

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8. A full color image forming apparatus comprising a toner vessel containing a dry toner according to claim 1.

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